

Converting Colors

$Y_{xy}(25.4254, 0.3703, 0.3287)$

Have a look what the booklet for
Yxy(25.4254, 0.3703, 0.3287)
contains.

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Color

Yxy(25.4267, 0.3713, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	AE7E7E
RGB	174, 126, 126
RGB Percent	68%, 49%, 49%
CMY	0.3177, 0.5058, 0.5059
CMYK	0.00, 0.28, 0.28, 0.32
HSL	0°, 23%, 59%
HSV	0°, 28%, 68%
XYZ	28.6784, 25.4267, 23.1327
YIQ	140.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

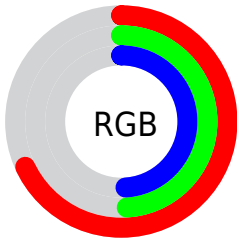
Format	Color
RYB	174, 126, 126
Decimal	11435646
CIELab	57.49, 18.60, 7.36
CIELCh	57, 20.001, 21.606
Yxy	25.4267, 0.3713, 0.3292
Android (android.graphics.Color)	4289625726 (0xFFAE7E7E)
YUV	140.3520, -7.0755, 29.5093
Hunter-Lab	50.4249, 13.2757, 8.0978

Details

The Yxy color $25.4267, 0.3713, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $37.7465, 0.2733, 0.3289$, and the grayscale version is $26.3895, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3179, 0.3579, 0.3291$, and $9.8366, 0.3929, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $20.9489, 0.4027, 0.3293$, and if you desaturate by 10%, it is $30.7581, 0.3459, 0.3291$.

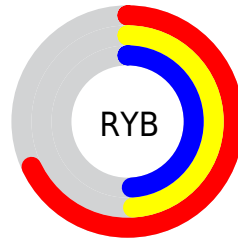
Distribution



Red (68%)

Green (49%)

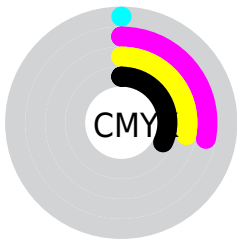
Blue (49%)



Red (68%)

Yellow (49%)

Blue (49%)

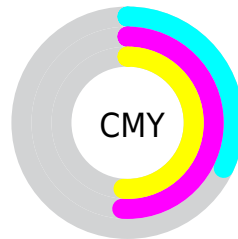


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (32%)



Cyan (32%)


Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4267, 0.3713, 0.3292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.4267, 0.3713, 0.3292 by changing the saturation by 10% instead.


 25.4267, 0.3713,
0.3292


 25.4267, 0.3713,
0.3292


279.9563, 0.3388,
0.3297

 16.3952, 0.3807,
0.3288


 52.3486, 0.3586,
0.3295

 9.8043, 0.3936,
0.3281


 71.0079, 0.3541,
0.3296

 5.2694, 0.4124,
0.3267

 93.6452, 0.3504,
0.3297

 2.4062, 0.4424,
0.3236

120.6449, 0.3473,
0.3297

 0.8291, 0.5182,
0.3283

152.3915, 0.3447,
0.3297

 0.0000, 1.0000,
0.0000

189.2694, 0.3425,

 0.0000, 0.0000,

0.3297

0.0000

231.6628, 0.3405,
0.3297

■ 25.4267, 0.3713,
0.3292

■ 25.4267, 0.3713,
0.3292

■ 20.9489, 0.4027,
0.3293

■ 30.7581, 0.3459,
0.3291

■ 17.2772, 0.4406,
0.3294

■ 36.9804, 0.3254,
0.3290

■ 14.3646, 0.4845,
0.3296


■ 44.1331, 0.3091,
0.3290


■ 12.1581, 0.5318,
0.3297


■ 52.2521, 0.2960,
0.3289

■ 10.5979, 0.5772,
0.3298


■ 61.3715, 0.2853,
0.3289

 9.6140, 0.6133,
0.3299

 71.5239, 0.2767,
0.3289

 9.0984, 0.6354,
0.3300

 82.7400, 0.2697,
0.3288

 8.9978, 0.6400,
0.3300

 87.7362, 0.2671,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.4267, 0.3448, 0.3025



25.4267, 0.3713, 0.3292



25.4267, 0.3811, 0.3572

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.4267, 0.3713, 0.3292



25.4267, 0.3121, 0.3824



25.4267, 0.2563, 0.2772

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.4267, 0.3713, 0.3292



37.7465, 0.2733, 0.3289

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.4267, 0.2488, 0.2952



25.4267, 0.3713, 0.3292



25.4267, 0.2799, 0.3573

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.4267, 0.3713, 0.3292



25.4267, 0.3457, 0.3903



25.4267, 0.2572, 0.3244



25.4267, 0.2782, 0.2732

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.4267, 0.3713, 0.3292



25.4267, 0.3766, 0.3735



25.4267, 0.2572, 0.3244



25.4267, 0.2521, 0.2817

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.4279, 0.3713, 0.3292



66.4197, 0.3265, 0.3291



26.9717, 0.3159, 0.2617



14.3690, 0.3293, 0.3291



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4279, 0.3713, 0.3292



41.0767, 0.3894, 0.3293



32.3109, 0.3621, 0.3642



8.0159, 0.3286, 0.3291



6.5282, 0.6400, 0.3300



0.1818, 0.6399, 0.3301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.7465, 0.2733, 0.3289



67.1177, 0.2659, 0.3288



29.2988, 0.2696, 0.2909



9.0715, 0.2987, 0.3290



24.1528, 0.2246, 0.3286



0.6721, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 25.4267, 0.3713, 0.3292 looks on a white background.

Color Contrast Check

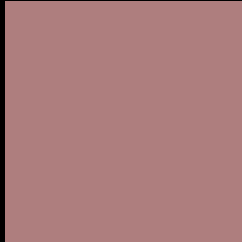
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.4267, 0.3713, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

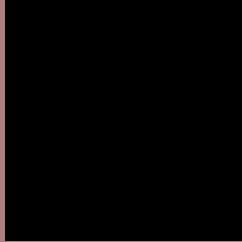
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4267, 0.3713, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 25.4267, 0.3713, 0.3292.



This preview shows how white text looks on a background with the Yxy color 25.4267, 0.3713, 0.3292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.4267, 0.3713, 0.3292

Protanopia

25.5937, 0.3234, 0.3391

Deuteranopia

25.4238, 0.3496, 0.3419



Tritanopia

25.5024, 0.3630, 0.3158

Trichromacy



Original Color

25.4267, 0.3713, 0.3292

Protanomaly

25.5319, 0.3401, 0.3355

Deuteranomaly

25.2325, 0.3577, 0.3370

Tritanomaly

25.4199, 0.3667, 0.3203

Monochromacy



Original Color

25.4267, 0.3713, 0.3292

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7526, 0.3320, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4267, 0.3713, 0.3292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(174, 126, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 126, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.4267, 0.3713, 0.3292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

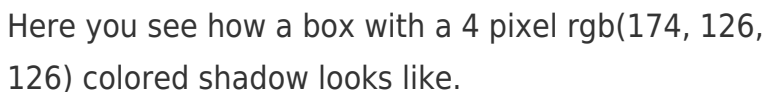
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 126, 126) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 126, 126) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(174, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 126, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 126, 126); box-shadow:4px 4px 4px 4px rgb(174, 126, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4267, 0.3713, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 126, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
126, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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